

PTO/SB/21 (09-04)

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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	09/965,740	RECEIVED CENTRAL FAX CENTER JUL 22 2005
	Filing Date	September 28, 2001	
	First Named Inventor	Batch	
	Art Unit	3761	
	Examiner Name	Catherine ANDERSON	
Total Number of Pages in This Submission	233	Attorney Docket Number	QMT1.1-CIP-US

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Notice of Copending Applications; 1 sheet.
Remarks _____		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	Elman Technology Law, P.C.		
Signature	/GerryJayElman/		
Printed name	Gerry J. Elman		
Date	July 22, 2005	Reg. No.	24,404

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:			
Signature	/GerryJayElman/		
Typed or printed name	Gerry J. Elman	Date	July 22, 2005

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

United States Patent Application No. **09/965,740**
Confirmation Number **4440**
First Name Inventor **Batich**
Title **Absorbent Materials With Covalently Bonded, Nonleachable
Polymeric Antimicrobial Surfaces, And Methods For Preparation**
GAU/Examiner **3761/Catherine ANDERSON**
Attorney Docket **QMT1.1-CIP-US**

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JUL 22 2005

INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with 37 CFR § 1.56, applicants submit herewith the identification of patents, publications or other information of which they are aware, which they believe may be material to patentability and in respect of which there may be a duty to disclose.

Applicants respectfully request that the information enclosed herein be considered by the examiner in the above captioned application and be made of record therein.

Applicants believe that the information enclosed herewith is submitted in accordance with **37 CFR § 1.97(b)**. Accordingly, no fee is required for consideration of the information disclosure statement. However, any fee deficiency may be charged to deposit account **05-0845**.

A list of the patent(s) and/or publication(s) is set forth on the attached Form PTO-1449. A copy of each foreign patent and/or nonpatent literature reference cited is enclosed herewith.

Inclusion of a reference in this Information Disclosure Statement is not intended to constitute an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such, nor that any cited reference discloses anything other than what is shown and stated therein.

Page 1 of 2

Information Disclosure Statement
U.S. Patent Application 09/965,740

The filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR § 1.56(a) exists.

The filing of this Information Disclosure Statement shall not be construed to be an admission that the information cited in the statement is, or is considered to be, material to patentability as defined in § 1.56(b).

This statement is made by the attorney who signs below on the basis of the information supplied by the applicants and the information in the attorney's file.

ACCOMPANYING THIS STATEMENT ARE:

- * Form PTO-1449 comprising 6 sheets
- * A copy of each foreign and/or non patent literature document

Respectfully submitted:

July 22, 2005

/GerryJayElman/

Gerry J. Elman
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efax: 925-226-4995
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INFORMATION DISCLOSURE STATEMENT BY APPLICATION <i>(Use as many sheets as necessary)</i>				Complete if Known	
				Application Number	09/965,740
				First Named Inventor	Batich
				Art Unit/Examiner Name	3761/Anderson
				Confirmation No.	4440
Sheet	5	Of	6	Attorney Docket Number	QMT-1 CIP-US

NONPATENT LITERATURE DOCUMENTS					
Examiner's Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, symposium, catalog, etc.), date, pages(s), volume-issue number(s), publisher, city and/or country where published			
	65	TWEDEN ET AL. "Silver Modification of Polyethylene Terephthalate Textiles for Antimicrobial Protection"; ASAIJ Journal, 43, pM475-M481 (1997)			
	66	DONARUMA, L. G. , et al. , "Anionic Polymeric Drugs", John Wiley & Son, New York, (1978); Ikeda T, Yamaguchi H, and Tazuke, S "New Polymeric Biocides: Synthesis and Antibacterial Activities of Polycations with Pendant Biguanide Groups" ; Antimicrob. Agents Chemother. 26 (2), p 139-44 (1984).			
	67	G. MINO and S. KAIZERMAN; "A New Method for the Preparation of Graft Copolymers. Polymerization Initiated by Ceric Ion Redox Systems", Journal of Polymer Science 31 (122), p242 (1958).			
	68	S. B. VITTA, ET AL. , "The Preparation and Properties of Acrylic and Methacrylic Acid Grafted Cellulose Prepared by Ceric Ion Initiation. Part I. Preparation of the Grafted Cellulose", J. Macromolecular Science-Chemistry A22 (5-7) p579-590 (1985).			
	69	M. MISHRA, Graft Copolymerization of Vinyl Monomers onto Silk Fibers, J. Macromolecular Science, Reviews in Macromolecular Chemistry C19 (2), PI 93-220 (1980)			
	70	IKEDA, T. "Antibacterial Activity of Polycationic Biocides", Chapter 42, page 743 in: High Performance Biomaterials, M. Szycher, ed. , Technomic, Lancaster PA, (1991)			
	71	YAHIAOUI, A. "Covalent Attachment of Hydrophilic Groups Onto the Surface of Low Density Polyethylene," Master's Thesis, University of Florida, 1986.			
	72	STANNETT, VIVIAN T, "Cellulose Grafting: Past, Present, and Future," Polymers from Biobased Materials, 1989 , p. 58-69, Chapter 3, William Andrews Publishing, Norwich, NY.			
	73	CHEN ET AL. "Quaternary Ammonium Functionalized Poly (propylene imine) Dendrimers as Effective Antimicrobials: Structure-Activity Studies", 2000, Biomacromolecules 1 p 473-480.			
	74	BROUGHTON ET AL. "Textiles Having the Ability to Deliver Reactive Chemical Systems", National Textile Center Annual Report November 1999, p. 1-6.			
Examiner Signature		Date considered			
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 608. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.					

Information Disclosure Statement by Applicant <i>(Use as many sheets as necessary)</i>		Complete if Known			
		Application Number		09/865,740	
		Filing Date		28 September 2001	
		First Named Inventor		Batich	
Examiner/Art Unit/		Anderson/3761			
Sheet 1 of 6		Attorney Docket No.		QMT-1 CIP-US	
U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No.	DOCUMENT NUMBER		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
			Number-Kind Code		
	1	US-	H1575	08-06-1996	Daugherty et al.
	2	US-	H1732	06-02-1998	Johnson
	3	US-	3,490,454	01-20-1970	Goldfarb et al.
	4	US-	3,563,243	02-16-1971	Lindquist
	5	US-	3,691,271	09-12-1972	Charle et al.
	6	US-	3,778,476	12-11-1973	Rembaum et al.
	7	US-	3,874,870	04-01-1975	Green et al.
	8	US-	3,898,336	08-05-1975	Rembaum et al.
	9	US-	3,931,319	01-06-1976	Green et al.
	10	US-	3,945,842	03-23-1976	Green
	11	US-	4,013,507	03-22-1977	Rembaum
	12	US-	4,027,020	05-31-1977	Green et al.
	13	US-	4,089,977	05/16/1978	Green et al.
	14	US-	4,111,679	09-05-1978	Shair et al.
	15	US-	4,191,743	03-04-1980	Klemm et al.
	16	US-	4,226,232	10-07-1980	Spence
	17	US-	4,393,048	07-12-1983	Masonet al.
	18	US-	4,506,081	03-19-1985	Fenyess et al.
	19	US-	4,563,184	01-07-1986	Korol

Examiner Signature		Date Considered	
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 608. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute for form 1449/PTO Information Disclosure Statement by Applicant <i>(Use as many sheets as necessary)</i>		Complete if Known			
		Application Number		09/965,740	
		Filing Date		28 September 2001	
		First Named Inventor		Batich	
Examiner/Art Unit/		ANDERSON/3761			
Sheet	2	of	6	Attorney Docket No.	QMT-1 CIP-US
U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No.	DOCUMENT NUMBER		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
			Number-Kind Code		
	20	US-	4,570,629	02-18-1986	Widra
	21	US-	4,581,058	04-08-1986	Fenyess et al.
	22	US-	4,657,006	04-14-1987	Rawlings et al.
	23	US-	4,728,323	03-01-1988	Matson
	24	US-	4,778,813	10-18-1988	Fenyess et al.
	25	US-	4,791,063	12-13-1988	Hou et al.
	26	US-	4,810,567	03-07-1989	Calcaterra et al.
	27	US-	4,902,565	02-20-1990	Brook
	28	US-	4,904,247	02-27-1990	Therriault et al.
	29	US-	4,929,498	05-29-1990	Suskind et al.
	30	US-	4,960,590	10-02-1990	Hollis et al.
	31	US-	4,970,211	11-13-1990	Fenyess et al.
	32	US-	5,045,322	09-03-1991	Blank et al.
	33	US-	5,051,124	09-24-1991	Pera
	34	US-	5,056,510	10-15-1991	Gilman
	35	US-	5,069,907	12-03-1991	Mixon et al.
	36	US-	5,091,102	02-25-1992	Sheridan
	37	US-	5,093,078	03-03-1992	Hollis et al.
	38	US-	5,106,362	04-21-1992	Gilman

Examiner Signature		Date Considered	
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Information Disclosure Statement by Applicant <i>(Use as many sheets as necessary)</i>		Complete if Known			
		Application Number		09/965,740	
		Filing Date		28 September 2001	
		First Named Inventor		Batich	
Examiner/Art Unit/		Anderson/3761			
Sheet	3	of	6	Attorney Docket No.	QMT-1 CIP-US
U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No.	DOCUMENT NUMBER		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
			Number-Kind Code		
	39	US-	5,147,338	09-15-1992	Lang et al
	40	US-	5,2326,703	08-17-1993	Usala
	41	US-	5,295,978	03-22-1994	Fan et al
	42	US-	5,302,392	04-12-1994	Karakelle et al
	43	US-	5,432,000	07-11-1995	Young, Sr. et al
	44	US-	5,441,742	08-15-1995	Autant et al
	45	US-	5,498,478	03-12-1996	Hansen et al
	46	US-	5,580,974	12-03-1996	Banker et al
	47	US-	5,641,503	06-24-1997	Brown-Skrobot
	48	US-	5,662,913	09-02-1997	Capelli
	49	US-	5,670,557	09-23-1997	Dietz et al
	50	US-	5,674,346	10-07-1997	Kundel
	51	US-	5,674,561	10-07-1997	Dietz et al
	52	US-	5,695,456	12-09-1997	Cartmell et al
	53	US-	5,719,201	02-17-1998	Wilson
	54	US-	5,782,787	07-21-1998	Webster
	55	US-	5,811,471	09-22-1998	Shanbrom
	56	US-	5,830,526	11-03-1998	Wilson et al
	57	US-	5,856,248	01-05-1999	Weinberg
	58	US	5,985,301	11-16-1999	Nakamura et al

Examiner Signature		Date Considered	
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Substitute for form 1449/PTO Information Disclosure Statement by Applicant <i>(Use as many sheets as necessary)</i>		Complete if Known			
		Application Number		09/857,906	
		Filing Date		04 January 2002	
		First Named Inventor		Batich	
Examiner/Art Unit/		LEWIS/3743			
Sheet 4 of 6		Attorney Docket No.		QMT-1 US	
U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No.	DOCUMENT NUMBER		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number-Kind Code			
	58	US-	6,030,632	02-29-2000	Sawan et al.
	59	US-	6,039,940	03-21-2000	Perrault et al.
	60	US-	6,126,931	10-03-2000	Sawan et al.
	61	US-	6,146,688	11-14-2000	Morgan et al.
	62	US-	6,160,196	12-12-2000	Knieler et al.
	63	US-	6,316,044 B2	11-13-2001	Ottersbach et al.
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INFORMATION DISCLOSURE STATEMENT <i>(Use as many sheets as necessary)</i>	Complete if Known	
	Application Number	09/965,740
	Confirmation No.	4440
	Filing Date	28 September 2001
	First Named Inventor	Batich
	Examiner/Art Unit	Anderson/3761
Sheet 5 of 6	Attorney Docket	QMT-1 CIP-US

FOREIGN PATENT DOCUMENTS					
Examiner's Initials	Cite No.	FOREIGN PATENT DOCUMENT Country Code, Number, Kind Code (if known)	PUBLICATION DATE	NAME OF PATENTEE or APPLICANT OF CITED DOCUMENT	T
	64	WO 99/32157 A2	07-01-1999	Biosafe, Inc.	N

Examiner Signature		Date Considered	
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

United States Patent Application No.	09/965,740
Confirmation Number	4440
First Name Inventor	Batich
Title	Absorbent Materials With Covalently Bonded, Nonleachable Polymeric Antimicrobial Surfaces, And Methods For Preparation
GAU/Examiner	3761/Catherine ANDERSON
Attorney Docket	QMT1.1-CIP-US

Via Official Fax to 571-273-8300

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**NOTICE OF COPENDING APPLICATIONS
PER MPEP § 2001.06(b)**

Sir:

In accordance with MPEP § 2001.06(b), please note that the following patent application(s) are copending cases of the above-captioned U.S. Patent Application 09/965,740, filed September 28, 2001.

U.S. Application 09/857,906, § 371 date January 4, 2002 (filed June 9, 2001)
U.S. Application 10/786,959, filed 25 February 2004
U.S. Application 10/419,510, filed 21 April 2003
PCT/US2004/0005616, filed 25 February 2004, published as WO 2004/076770 A1 on 10 September 2004

Respectfully submitted:

July 22, 2005

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